

Kevin Mooney

Mobile, AL

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Education

University of Alabama at Birmingham

Bachelor's in Computer Science

August 2016 to December 2020

Technical

Programming Language:

Proficient: Python, JavaScript, Java, MySQL, Node.js, P5.js, React.js

Exposure: C++, C#, AppScript

Software and Frameworks:

Eclipse, Git, Visual Studios, Atom.io, YouTube API, Twitch API, PayPal API, Flask,

MongoDB, Unity, IBM Watson, Telegram, MERN, WordPress

Experience

Programming Instructor

June 2020 to December 2020

Delaware STEAM Academy

- Presented a curriculum to students about Python concepts
- Diagnosed bugs and errors in student programs

Research Assistant

August 2018 to May 2019

University of Alabama at Birmingham

- Assisted in researching atomicity and concurrent data structures for parallel computing
- Gained knowledge of C++ and a stronger foundation of algorithms

Machine Learning Engineer Intern

December 2017 to June 2018

University of Alabama at Birmingham – Collat School of Business

- Collaborated with a team to implement an automated program for an accounting class
- Architected the program using IBM's Watson framework with Python and Node.js

Projects

LiveStream Integration Web App

- Designed a web application with Python Flask, SQLAlchemy, JavaScript, and HTML/CSS/Bootstrap
- Combined social media platforms' video and chat logs using their APIs

3D Tetromino

- Built a 3D Tetris clone using C# and the Unity engine